

Title (en)
MOTOR

Title (de)
MOTOR

Title (fr)
MOTEUR

Publication
EP 3376643 A4 20190612 (EN)

Application
EP 16864061 A 20161031

Priority
• JP 2015219018 A 20151109
• JP 2016082250 W 20161031

Abstract (en)
[origin: EP3376643A1] Provided is a motor in which the positional misalignment of a terminal cover provided to a motor body can be suppressed. In a terminal cover (7) fixed to a motor body (40), an engagement plate part (75) extends from a cover part (71), which covers a terminal part (25) on a lateral surface of the motor body (40), to a position overlapping an end surface (12) on a counter-output side (L2) of the motor body (40). The engagement plate part (75) is provided with an engagement recess (750) in which a projection (17) on the end surface (12) on the counter-output side (L2) of the motor body (40) is fitted. Thus, even when external force is applied to the terminal cover (7), the terminal cover (7) is less likely to be subjected to positional misalignment. The engagement recess (750) is groove shaped, and the projection (17) is fitted to an end part, in the extending direction, of the engagement recess (750) formed in a groove shape.

IPC 8 full level
H02K 5/22 (2006.01); **H01R 13/50** (2006.01); **H02K 5/16** (2006.01); **H05K 5/00** (2006.01); **H02K 3/52** (2006.01); **H02K 5/08** (2006.01)

CPC (source: EP US)
H01R 13/501 (2013.01 - EP US); **H02K 5/161** (2013.01 - EP US); **H02K 5/225** (2013.01 - EP US); **H02K 11/30** (2016.01 - US); **H02K 37/14** (2013.01 - US); **H01R 2201/10** (2013.01 - EP US); **H02K 3/525** (2013.01 - EP US); **H02K 5/08** (2013.01 - EP US); **H02K 7/08** (2013.01 - US)

Citation (search report)
• [XAYI] EP 0360623 A2 19900328 - JOHNSON ELECTRIC SA [CH]
• [Y] CN 104539094 A 20150422 - ZHANG ZHIXIONG
• [A] EP 2244357 A1 20101027 - NIDEC CORP [JP]
• See references of WO 2017082098A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3376643 A1 20180919; **EP 3376643 A4 20190612**; CN 108352756 A 20180731; CN 108352756 B 20200410; JP 2017093103 A 20170525; JP 6673672 B2 20200325; US 10651705 B2 20200512; US 2018301954 A1 20181018; WO 2017082098 A1 20170518

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